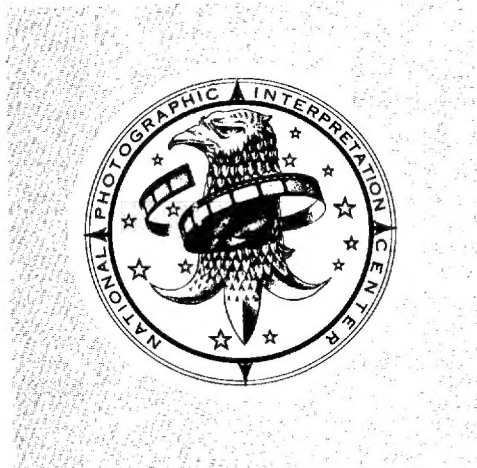


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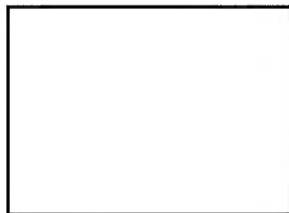


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**PHOTO
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NOTE**

**NEWLY IDENTIFIED PETROLEUM REFINERY
UNDER CONSTRUCTION
CHING-MEN
CHINA**

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NEWLY IDENTIFIED PETROLEUM REFINERY
UNDER CONSTRUCTION, CHING-MEN, CHINA

1. A crude oil refinery under construction was newly identified at 31-01-40N 112-12-45E (Figure 1), 45 nautical miles northwest of Chien Chiang Oilfield [REDACTED] on photography of [REDACTED]. Chien Chiang Oilfield is the only known source of crude oil in southeast China. The refinery is being built in a large natural valley adjacent to the town of Ching-men and will be served by the projected rail line from Lo-yang to Lou-ti. When the refinery is complete, it will be one of the ten largest in China.



FIG. 1. LOCATION MAP

2. The refinery (Figure 2) consists of a large area which, when complete, will be the main processing area. A possible multistage crude distillation unit under construction on the south edge of the area contains one probable DeFlorez furnace, one possible pipe furnace, and two columns. In the northern part of the main processing area, at least five processing units in an early stage of construction, seven columns, one possible pipe furnace, and two control buildings were observed.

3. A large forced-draft cooling tower was under construction immediately east of the main processing area. Several tank farms were under construction east of the main processing area. The tank farms consisted of three large and 19 medium vertical storage tanks nearing completion and 41 vertical storage tanks in an early stage of construction. One large rail transloading yard and two smaller rail transfer points were on the east edge of the refinery.

4. Large support areas to the north include a cement batch plant and open storage yards for equipment and construction material.

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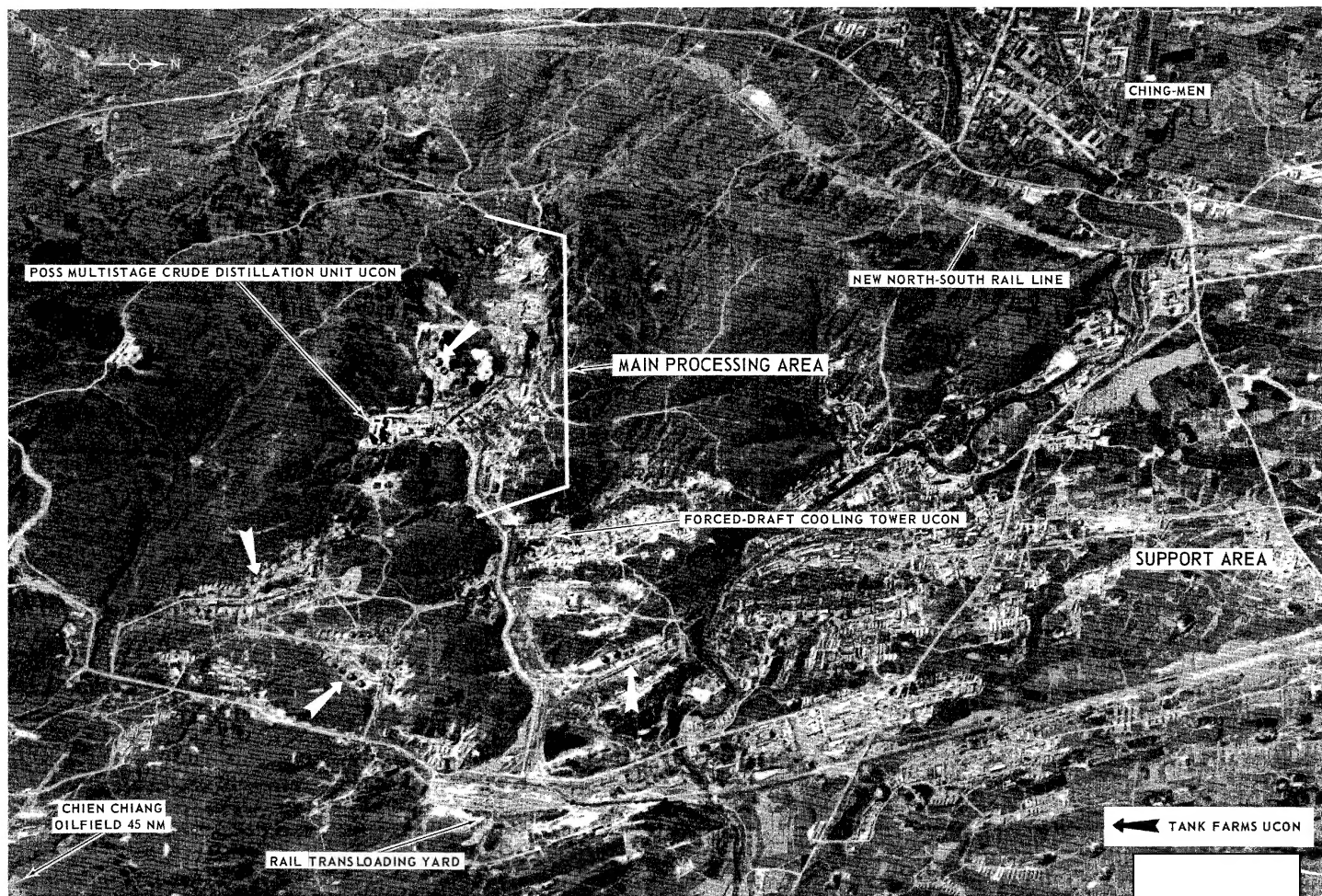


FIGURE 2. CHING-MEN PETROLEUM REFINERY UNDER CONSTRUCTION, CHINA

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